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* Admitted in TX only
** Admitted in CT only

October 28, 2004

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Re: U.S. Patent Application No.: 10/826,082
For: *PROGNOSIS, DIAGNOSIS AND TREATMENT OF BONE MARROW
DERIVED STEM CELL ASSOCIATED CANCER*
Inventors: Wang, Timothy C., *et al.*
Filed: April 5, 2004
Our Ref. No.: UMY-043

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Information Disclosure Statement;
2. PTO Form SB/08;
3. Copies of the publications cited in PTO Form SB/08 (21); and
4. A Return Postcard.

No additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 12-0080. For this purpose, a duplicate of this sheet is attached.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to:
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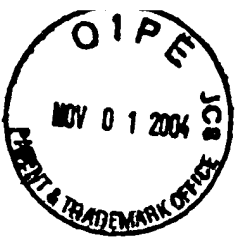
October 28, 2004

Date

Cynthia L. Kanik, Ph.D., Registration No. 37,320

Respectfully submitted,
LAHIVE & COCKFIELD, LLP

Cynthia L. Kanik, Ph.D.
Registration No. 37,320
Attorney for Applicants



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Wang, Timothy C., *et al.*

Serial No.: 10/826,082

Filed: April 5, 2004

For: *PROGNOSIS, DIAGNOSIS AND TREATMENT
OF BONE MARROW DERIVED STEM CELL
ASSOCIATED CANCER*

Attorney Docket No.: UMY-043

Group Art Unit: N/A

Examiner: Not Yet Assigned

MS Amendment
Commissioner for Patents
P.O. Box 1450
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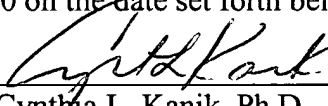
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By:


Cynthia L. Kanik, Ph.D.
Registration No. 37,320
Attorney for Applicants

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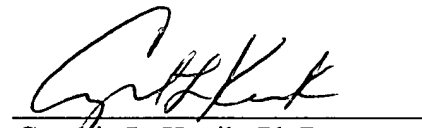
Dear Sir:

Applicants and their Attorney are aware of the following publications and information, listed on the attached PTO Form SB/08, and in accordance with 37 CFR §1.97 hereby submit these publications for the Examiner's consideration. A copy of each cited publication is enclosed.

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per se* as a representation that such publication is prior art. Moreover, Applicants understand that the Examiner will make an independent evaluation of the cited publications.

Under 37 CFR § 1.97(b)(3), no additional costs are believed to be due in connection with the filing of this disclosure. If, however, a first Office Action on the merits issues in this application bearing a mailing date prior to the date of this Information Disclosure Statement, please charge the appropriate fee as required under 37 CFR §1.17(p) to our Deposit Order Account No. 12-0080.

Respectfully submitted,
LAHIVE & COCKFIELD, LLP



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Attorney for Applicants

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Date: October 28, 2004

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Enclosures



PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/826,082
				Filing Date	April 5, 2004
				First Named Inventor	Wang, Timothy C.
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	3	Attorney Docket Number	UMY-043

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A1	Balkwill, F., <i>et al.</i> , "Inflammation and cancer: back to Virchow?" <i>The Lancet</i> . 2001 Feb 17; 357:539-45.	
	A2	Boivin, G.P., <i>et al.</i> , "Pathology of Mouse Models of Intestinal Cancer: Consensus Report and Recommendations." <i>Gastroenterology</i> . 2003 Mar; 124(3):762-77.	
	A3	Calam, J., <i>et al.</i> , "ABC of the upper gastrointestinal tract: Pathophysiology of duodenal and gastric ulcer and gastric cancer." <i>BMJ</i> . 2001 Oct 27; 323:980-2.	
	A4	Fox, J.G., <i>et al.</i> , "Germ-Line p53-targeted Disruption Inhibits <i>Helicobacter</i> -induced Premalignant Lesions and Invasive Gastric Carcinoma through Down-Regulation of Th1 Proinflammatory Responses." <i>Cancer Research</i> . 2002 Feb 1; 62(3):696-702.	
	A5	Houghton, J.M., <i>et al.</i> , "Gastric cancer: laboratory bench to clinic." <i>Journal of Gastroenterology and Hepatology</i> . 2002 Apr; 17(4):495-502.	
	A6	Jiang, Y., <i>et al.</i> , "Pluripotency of mesenchymal stem cells derived from adult marrow." <i>Nature</i> . 2002 Jul 4; 418(6893):41-9. Epub 2002 Jun 20.	
	A7	Kirikoshi, H., <i>et al.</i> , "Expression of TFF1, TFF2 and TFF3 in Gastric Cancer." <i>The International Journal of Oncology</i> . 2002 Sep; 21(3):655-9.	
	A8	Krause, D.S., <i>et al.</i> , "Multi-Organ, Multi-Lineage Engraftment by a Single Bone Marrow-Derived Stem Cell." <i>Cell</i> . 2001 May 4; 105(3):369-77.	

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				First Named Inventor	Wang, Timothy C.
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	2	of	3	Attorney Docket Number	UMY-043

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	B1	LaBarge, M.A., <i>et al.</i> , "Biological Progression from Adult Bone Marrow to Mononucleate Muscle Stem Cell to Multinucleate Muscle Fiber in Response to Injury." <i>Cell</i> . 2002 Nov 15; 111(4):589-601.	
	B2	Leung, W.K., <i>et al.</i> , "Expression of trefoil peptides (TFF1, TFF2, and TFF3) in gastric carcinomas, intestinal metaplasia, and non-neoplastic gastric tissues." <i>Journal of Pathology</i> . 2002 Aug; 197(5):582-8.	
	B3	Li, Q., <i>et al.</i> , "Diphtheria Toxin-mediated Ablation of Parietal Cells in the Stomach of Transgenic Mice." <i>The Journal of Biological Chemistry</i> . 1996 Feb 16; 271(7):3671-6.	
	B4	Okamoto, R., <i>et al.</i> , "Damaged epithelia regenerated by bone marrow-derived cells in the human gastrointestinal tract." <i>Nature Medicine</i> . 2002 Sep; 8(9):1011-7.	
	B5	Petersen, B.E., <i>et al.</i> , "Bone Marrow as a Potential Source of Hepatic Oval Cells." <i>Science</i> . 1999 May 14; 284(5417):1168-70.	
	B6	Reya, T., <i>et al.</i> , "Stem cells, cancer, and cancer stem cells." <i>Nature</i> . 2001 Nov 1; 414:105-11.	
	B7	Schmidt, P.H., <i>et al.</i> , "Identification of a Metaplastic Cell Lineage Associated with Human Gastric Adenocarcinoma." <i>Laboratory Investigation</i> . 1999 Jun; 79(6):639-46.	
	B8	Shimizu, K., <i>et al.</i> , "Host bone-marrow cells are a source of donor intimal smooth- muscle-like cells in murine aortic transplant arteriopathy." <i>Nature Medicine</i> . 2001 Jun; 7(6):738-41.	

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	C1	Takagi, H., <i>et al.</i> , "Hypertrophic Gastropathy Resembling Menetrier's Disease in Transgenic Mice Overexpressing Transforming Growth Factor α in the Stomach." <i>The Journal of Clinical Investigation</i> . 1992 Sep; 90(3):1161-7.	
	C2	Vassilopoulos, G., <i>et al.</i> , "Transplanted bone marrow regenerates liver by cell fusion." <i>Nature</i> . 2003 Apr 24; 422(6934):901-4.	
	C3	Wagers, A.J., <i>et al.</i> , "Little Evidence for Developmental Plasticity of Adult Hematopoietic Stem Cells." <i>Science</i> . 2002 Sep 27; 297:2256-9.	
	C4	Wang, T.C., <i>et al.</i> , "Mice Lacking Secretory Phospholipase A ₂ Show Altered Apoptosis and Differentiation With <i>Helicobacter felis</i> Infection." <i>Gastroenterology</i> . 1998 Apr; 114(4):675-89.	
	C5	Wang, X., <i>et al.</i> , "Cell fusion is the principal source of bone-marrow-derived hepatocytes." <i>Nature</i> . 2003 Apr 24; 422(6934):897-901.	

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